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	COVER SHEET	DIRECTV	
	Mail Stop Amendment Group Art Unit: 2638 Examiner: BAYARD, Emmanuel	Fax:	(571) 273-8300
UNITED STATES PATENT AND TRADEMARK OFFICE		Phone:	(571) 272-3016
Pages:	Cover + 2 + 1 + 6 = 10	Date:	February 28, 2006
From:	Georgann S. Grunebach Assistant General Counsel		(310) 964-0941 (310) 964-4615

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> S. Grunebach, Reg. No. 33,179 **G**eorgani (Printed Name of Person Signing Certificate)

February 28, 2006 (Date of Signature)

Telephone No. (310) 964-4615

Attention: Commissioner for Patents

Attorney Docket No. PD-200181

Please find attached Re:

Serial No.: 09/844,401

Filing Date: April 27, 2001

- INFORMATION DISCLOSURE STATEMENT (2 pages)
- SUBSTITUTE FORM PTO/SB/08B (1 page)
- NON-PATENT LITERATURE DOCUMENT (6 pages)

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Patent PD-200181

Customer No. 020991

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Ernest C. Chen : I hereby certify that this correspondence is

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Serial No.: 09/844,401 :

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Mail Stop Amendment, Commissioner for

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223/3-1450, of the date below:

Georgann S. Grunebach

Typed or printed name of person signing certificate

Group Art Unit: 2638

Examiner: Emmanuel Bayard

Date: February 28, 2006

UNDER 37 C.F.R. § 1.97 (b)(4)

Mail Stop Amendment Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

The reference cited on the enclosed form PTO/SB/08A may be relevant or material to the examination of the above-identified patent application and is, therefore, submitted in compliance with the duty of disclosure defined in 37 C.F.R. §1.56.

The reference was cited in a European communication dated February 2, 2006 in the counterpart European patent application number 02728894.3.

This statement should be considered because it is submitted before the mailing of a first Office action after the filing of a request for continued examination under §1.114 and therefore it is believed that no fee is due with this submission under 37 C.F.R. §1.97(b)(4).

If a fee is due, the Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California.

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This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

Respectfully submitted,

Georgayin S. Grunebach, Reg. No. 33,179

The DIRECTV Group, Inc. RE/R11/A109 P. O. Box 956 El Segundo, CA 90245

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February 28, 2006

PTO/SB/08B (08-03)

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Substitute for form 1449/PTO	Complete if Known		
INFORMATION DISCLOSURE	Application Number	09/844,401	
STATEMENT BY APPLICANT	Filing Date	April 27, 2001	
(Use as many sheets as necessary)	First Named Inventor	Ernest Chen	
(**************************************	Art Unit	2638	
	Examiner Name	BAYARD, Emmanuel	
Date: February 28, 2006			
Sheet 1 of 1	Attorney Docket Number	PD-200181	

NON PATENT LITERATURE DOCUMENTS				
Examiner Cite Initials* No.		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volumne-issue number(s), publisher, city and/or country where published.		
		MEYR, HEINRICH et al., "Digital Communication Receivers: Synchronization, Channel Estimation, and Signal Processing", 1998, John Wiley & Sons, pages 212, 213, 217, 218, XP002364874		
			-	
			<u> </u>	

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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.